

GLIDER QUESTIONNAIRE

Name: _____ Grade: _____ CAPID: _____

Unit: _____ Date: 21JAN2006

Check Pilot: _____ Grade: _____ CAPID: _____

Score: _____ Type/Model Aircraft: N360BA Blanik L-23

Complete this open-book questionnaire using the *Flight Manual/Pilot's Operating Handbook*. If a question or part of a question is not applicable, write in NA. Prior to the flight the check pilot will review the questionnaire with the examinee. All questions will be corrected to 100%. The corrected questionnaire will be filed in the pilot's flight records.

1. List the airspeed for the following flight characteristics and limitations:

	Solo	Dual
a. Best Glide Speed	<u>43 kias</u>	<u>49 kias</u>
b. Minimum Sink Speed	<u>38</u>	<u>32</u>
c. Stall Speed (straight ahead)	<u>32</u>	<u>32</u>
d. Stall Speed (30-degree bank)	<u>34</u>	<u>34</u>
e. Maximum Aero Tow Speed	<u>81</u>	<u>81</u>
f. Maximum Auto/Winch Tow Speed	<u>65</u>	<u>65</u>
g. VNE (velocity not to exceed)(redline)	<u>124</u>	<u>124</u>
h. Va (maneuvering speed)	<u>81</u>	<u>81</u>
i. Pattern Speed	<u>50+1/2 wind</u>	<u>50+1/2 wind</u>

2. Give your immediate action for a rope or cable break?

Reduce angle of attack, fly at normal approach speed, maintain control

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3. Explain your plan for a rope/cable break at the following altitudes:

a. Below 200 feet agl, above ground level.	<u>Land ahead or make slight turn to a suitable landing site</u>
b. Above 200 feet agl, above ground level.	<u>Turn 180 deg. toward upwind side, make a downwind landing</u>
c. Above 800 feet agl, above ground level.	<u>Make normal or modified pattern to a landing</u>

4. Define "ABCCCD":

A Altimeter
B Ballast
C Canopy
C Controls
C Cable
D Dive Brake

5. Define "STALL" or "USTALL":

U Undercarriage
S Speed established
T Trim set
A Airbrakes
L Lookout
L Land

6. What is the maximum demonstrated takeoff/landing crosswind component? 16 kias

7. List and explain the steps in spin recovery?

Opposite rudder to stop rotation, forward stick to break stall, neutralize rudder, return to normal flight

8. What is the minimum front/single seat weight? 154 pounds. Maximum front seat weight is 242 pounds

9. Maximum gross takeoff weight is 1124 pounds. Empty weight is 683 pounds.

Useful load is 441 pounds.

10. Complete a weight and balance problem using both your and your check pilot's weights.